

## **AMENDMENTS TO THE SPECIFICATION**

Please amend paragraphs [0076], through [0079] and [0088] as follows:

[0076] PCR primers for the F gene:

Reference	Sequence	Position
MSF1	TGACCACGAGGTTACCTCTAC (1057 matrix protein, forward)	<u>SEQ ID NO. 3</u>
2FOV	TCCAAGTAGGTGGCACGCATA (957, reverse)	<u>SEQ ID NO. 4</u>
3FOV	AATTGACTACAGTATTCGGACC (693, forward)	<u>SEQ ID NO. 5</u>
4FOV	TGTTGACATTCCCAAGCTCAG (1460, reverse)	<u>SEQ ID NO. 6</u>
5FOV	GCTCAGTCATCGCTAACTGC (1209, forward)	<u>SEQ ID NO. 7</u>
6FOV	CGG AAT ATC AAG CGC CAT GTA (168 of HN gene, reverse)	<u>SEQ ID NO. 8</u>

[0077] Sequencing primers for F gene:

1FOV	TTAGAAAAAACACGGGTAGAA (0, forward)	<u>SEQ ID NO. 9</u>
7FOV	ACAGGACATTGACCACTTTGC (300, forward)	<u>SEQ ID NO. 10</u>
8FOV	CAGGTAACCTCTACCTTCAGTCG (902, forward)	<u>SEQ ID NO. 11</u>
9FOV	CAACTCGATCAGTAATGCTTTGA (1459, forward)	<u>SEQ ID NO. 12</u>
10FOV	CCTAGATCAGATGAGAGCCACTACA (1675, forward)	<u>SEQ ID NO. 13</u>
11FOV	CTGCTGCATCTTCCCAACTG (598, reverse)	<u>SEQ ID NO. 14</u>
12FOV	GACTCTTGTATCCTACGGATAGA (360, reverse)	<u>SEQ ID NO. 15</u>
13FOV	GTACATACAGGCCGATGTATTGC (1162, reverse)	<u>SEQ ID NO. 16</u>
14FOV	AAGGTCTTTTGTGCGCCTTTTG (1653, reverse)	<u>SEQ ID NO. 17</u>

[0078] PCR primers for the HN gene:

1HNOV	CGTTAGCCAAGTTGCGTTAGAG (103, forward)	<u>SEQ ID NO. 18</u>
2HNOV	CCGTGGAACCCTAACCTCC (927, reverse)	<u>SEQ ID NO. 19</u>
3HNOV	GTCTTGCAAGTGTGAGTGCAAC (799, forward)	<u>SEQ ID NO. 20</u>
4HNOV	CCTCGCAAGGTGTGGTTTCTA (1548, reverse)	<u>SEQ ID NO. 21</u>
5HNOV	GCCACTCTTCATAGTCCTTATACA (1397, forward)	<u>SEQ ID NO. 22</u>
6HNOV	CCATGAGCTGTTTTGCCTTGTATCT (intergenic HN/L, reverse)	
(6HNOV)	<u>SEQ ID NO. 23</u>	

[0079] Sequencing primers for HN gene

7HNOV GCACCTATCCATGACCCAGATT (464, forward) [SEQ ID NO. 24](#)  
8HNOV CGATACAATGACACATGCCCAGA (1106, forward) [SEQ ID NO. 25](#)  
9HNOV GACCTATTGTCTCAGCATTGCTGA (1708, forward) [SEQ ID NO. 26](#)  
10HNOV GGAACCAAGTGTAGATGTAATCT (319, reverse) [SEQ ID NO. 27](#)  
11HNOV GAGGGTATTCGAGTGCAACCTGA (621, reverse) [SEQ ID NO. 28](#)  
12HNOV GGTCTTCGCCTAAGGATGTTG (1247, reverse) [SEQ ID NO. 29](#)  
13HNOV CTGAATTCTCCGAAGAGAGTAT (1761, reverse) [SEQ ID NO. 30](#)  
14HNOV TGATCGCATGAGCACTGGCTG (1964, reverse) [SEQ ID NO. 31](#)

[0088] Each reaction mixture comprised of 25 µl RT-PCR Ready mix x2, 8 µl RNA, 5 µl of each forward and reverse sequencing primer and 7 µl DDH<sub>2</sub>O. The components were well mixed and spun briefly prior to subjection to the RT-PCR reaction (48°C for 45 minutes for the RT reaction). Cycling parameters for the PCR were 94°C for 2 minutes (one cycle), 94°C (30 seconds), 60°C (1 minute) and 68°C (2 minutes) for 40 cycles and 68°C for 7 minutes. The PCR reaction mixes were loaded on 1% agarose gel and visualized using a UV Tran illuminator. Band size was estimated by comparing with DNA marker. DNA fragments were excised from the gel and purified using the Mini-elute Gel extraction kit (Qiagen). Each fragment was resuspended in ddH<sub>2</sub>O. The DNAs were subjected to Sequencing analysis. The RT-PCR and sequencing primers were

NDV-1 T T G C A G C T G C A G G A A T T G T (4653 forward) [SEQ ID NO. 32](#)  
NDV-2 C T A T A C A G T A T G A G G T G T C A A G (5540 reverse) [SEQ ID NO. 33](#)  
NDV-4 G A A T T G A C T A C A G T A T T C G G (5189 FORWARD) [SEQ ID NO. 34](#)  
NDV-5 G C G C G G T C C A T G A T T G A (6406 reverse) [SEQ ID NO. 35](#)